

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A soil nailing system comprising:

a temporary retaining wall for a soil excavation having a sidewall, said sidewall being adjacent to adjoining property;

soil nails extending outwardly into said soil sidewall from said temporary retaining wall and into said adjoining property, said soil nails comprising an easily shearable reinforcing rod surrounded by filler material, said filler material being affixed to said temporary retaining wall; and

a separate, lateral load-bearing wall formed inwardly of said temporary retaining wall.

2. The system of Claim 1, wherein said easily shearable rod comprises a fiber reinforced polymer.

3. The system of Claim 1, wherein said filler material and said retaining wall comprise a cementitious material, the filler material and the retaining wall being integrated by said cementitious material.

4. A method for making a temporary retaining wall for a soil excavation, said soil excavation having a sidewall, said retaining wall having portions that extend into adjoining property to be excavated, said method comprising the steps of:

boring holes in the sidewall of said soil excavation that extend into the adjoining property;

inserting easily shearable reinforcing rods into said holes, said rods extending into said adjoining property;

forming a temporary retaining wall adjacent the sidewall of said excavation;

filling said holes with and forming a temporary retaining wall from cementitious material;

tying said rods to said retaining wall; and

forming a separate, permanent, lateral load-bearing wall inwardly of said temporary retaining wall.

5. The method of Claim 4, wherein said easily shearable reinforcing rod comprises a fiber reinforced polymer.